

July 10, 2002

TO: Allan Shoap, Art Unit 3724  
CP2, Room 11-D-32

FROM: Jeanne Horrigan, EIC-3700 *JH*

SUBJECT: Search Results for Serial #09/228105

Attached are the search results for the "Household Kitchen Opening Appliance," including results of prior art and inventor searches in foreign patent databases, and prior art searches in product-related and general news non-patent databases.

In the results, a highlighted line marks the end of a search, including the search strategy, in a particular set of databases and the beginning of a new search in a different set of databases.

I did not find anything that seemed relevant to me, but **I suggest that you review all of the results.**

Also attached is a "*Search Results Feedback Form*." Your feedback will help enhance our search services.

I hope these results are useful. Please let me know if you would like me to expand or modify the search or if you have any questions.

3/26, TI/1 (Item 1 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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014471617

WPI Acc No: 2002-292320/200233

Household portable grilling appliance for waffle making, has two heating units with the same exterior appearance, and both being designed to function as either the top, or the bottom heating unit

3/26, TI/2 (Item 2 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.  
014045116

WPI Acc No: 2001-529329/200158

Electric cooker for domestic appliances, has tray removably mounted below lower cooking plate, so liquid byproducts are collected along liquid outlet surfaces provided at one end of drainage grooves

3/26, TI/3 (Item 3 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.  
013617686

WPI Acc No: 2001-101894/200111

Convertible household electric cooking appliance for use as clamshell, has support leg on cover for supporting upper cooking unit, so that upper cooking plate is horizontal and coplanar with lower cooking plate

3/26, TI/4 (Item 4 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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013238404

WPI Acc No: 2000-410278/200035

Convertible household electric cooking apparatus has lower cooking unit with grill plate and upper cooking unit with cooking plate connected turnably with lower cooking unit, to occupy three positions

5/7/1 (Item 1 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.  
014044582 \*\*Image available\*\*

WPI Acc No: 2001-528795/200158

Electric motor driven can opener for household use, has ledges provided in switch stem of motor start button and motor housing side wall to maintain blade in can nipping position until user releases blade to remove can

Patent Assignee: HAMILTON BEACH (HAMI-N); PROCTOR-SILEX INC (PROC-N)

Inventor: BRADY M ; LAW G; LEE W K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6279236	B1	20010828	US 9880344	A	19980401	200158 B
			US 99281660	A	19990330	

Priority Applications (No Type Date): US 9880344 P 19980401; US 99281660 A 19990330

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6279236	B1	10	B67B-007/70	Provisional application	US 9880344

Abstract (Basic): US 6279236 B1

NOVELTY - The can is pinched by a can drive wheel (50) and the blade, when a motor start button (82) is pressed and while rotating the can for cutting the lid. A pair of ledges are provided in the switch stem of the button and motor housing side wall to maintain the blade in can nipping position to hold the can until the user releases the blade by pressing the button to remove the can.

USE - For household use.

ADVANTAGE - Provides a can opener controlled by a control operating button which is easily useable by both right and left handed persons. Provides can opener that has removal assembly which facilitates secured cleaning in water.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of can opener .

Can drive wheel (50)

Motor start button (82)

pp; 10 DwgNo 1/5

Derwent Class: Q39; X27

International Patent Class (Main): B67B-007/70

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200243

File 344:CHINESE PATENTS ABS MAY 1985-2002/MAY

File 347:JAPIO Oct 1976-2002/Mar(Updated 020702)

File 371:French Patents 1961-2002/BOPI 200209

Set	Items	Description
S1	152	AU='BRADY M':AU='BRADY M T'
S2	62591	APPLIANCE?
<b>S3</b>	<b>4</b>	<b>S1 AND S2</b>
S4	545	CAN()OPENER?
<b>S5</b>	<b>1</b>	<b>S1 AND S4</b>

1/6/1 (Item 1 from file: 348)

01366334

ROBOTIC TRAJECTORY GUIDE

1/6/2 (Item 1 from file: 349)

00888314 \*\*Image available\*\*

FOOD PROCESSING MACHINE

Publication Year: 2002

1/6/3 (Item 2 from file: 349)

00888312 \*\*Image available\*\*

GRILLING APPLIANCE

Publication Year: 2002

1/6/4 (Item 3 from file: 349)

00843328 \*\*Image available\*\*

ROBOTIC TRAJECTORY GUIDE

Publication Year: 2001

File 348:EUROPEAN PATENTS 1978-2002/Jun W05

File 349:PCT FULLTEXT 1983-2002/UB=20020627,UT=20020620

Set	Items	Description
<b>S1</b>	<b>4</b>	<b>AU='BRADY MARTIN'</b>

16/3,AB,K/2 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.  
11181621 SUPPLIER NUMBER: 55129056 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Gifty Gadgets.(Brief Article)  
Gifts & Decorative Accessories, 100, 6, 124  
June, 1999  
DOCUMENT TYPE: Brief Article ISSN: 0016-9889 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 120 LINE COUNT: 00012

A. **The Tool of stainless steel includes can opener**, file/screwdriver, **scissors**, pliers, knife, pick, serrated blade, and saw. Comes with black canvas case with belt loop. \$25. Eton, P.O. Box 23370, New Orleans, LA 70183. #465...

16/3,AB,K/4 (Item 4 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2002 The Gale group. All rts. reserv.  
05180006 SUPPLIER NUMBER: 20870167 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Boat owner's buyer's guide. (multi-purpose tools)(Buyers Guide)  
Wooldridge, John  
Yachting, v184, n1, p59(3)  
July, 1998  
DOCUMENT TYPE: Buyers Guide ISSN: 0043-9940 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1627 LINE COUNT: 00127

ABSTRACT: Multi-purpose implements were invented by Tim Leatherman in 1975. Since then, several advances have been made on these tools to address the problems seen in the original tools. Some of the companies offering these tools include SOG Specialty Knives, Victorinox, Gerber and Buck Knives. ... offers the Multi-Lock tool in several specialized configurations. The Multi-Lock scout (the lower case "s" on scout is a Gerber trademark) includes a pair of Fiskars scissors, which will cut through seat belt webbing, 8 ounce leather, and hemmed denim. The tool...

...needle, a half-serrated drop point knife, large and medium screwdrivers, a Phillips screwdriver, **bottle/ can opener**, crimper, wire cutter, lanyard ring, and a 3 inch/8 centimeter scale. Multi-Lock scout serration), a bottle/ can opener, an awl, a file, one Phillips and two standard screwdrivers, and a square-drive wrench. Pliers are either standard jaw or needle-nose variety. **The Cross Cut substitutes spring-loaded scissors for plier jaws**. Both of the Power Plier models are available with gold-colored titanium...

...large needle-nose pliers, wide wire cutter, three slotted and two Phillips screwdrivers, a bottle/ can opener, and a 1/3-serrated 2.5(inches) drop-point knife blade. The original BuckTool...  
...and four regular (extra-small to large) screwdrivers, lanyard attachment, **a can/bottle opener and scissors**. The new design also has smooth, rounded handles for a more comfortable grip. Made of...

File 80:TGG Aerospace/Def.Mkts(R) 1986-2002/Jul 10  
File 88:Gale Group Business A.R.T.S. 1976-2002/Jul 10  
File 18:Gale Group F&S Index(R) 1988-2002/Jul 10  
File 47:Gale Group Magazine DB(TM) 1959-2002/Jul 10  
File 570:Gale Group MARS(R) 1984-2002/Jul 10  
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Jul 10  
File 636:Gale Group Newsletter DB(TM) 1987-2002/Jul 10  
File 649:Gale Group Newswire ASAP(TM) 2002/Jul 10

File 16:Gale Group PROMT(R) 1990-2002/Jul 10  
File 160:Gale Group PROMT(R) 1972-1989  
File 148:Gale Group Trade & Industry DB 1976-2002/Jul 10

Set	Items	Description
S1	127	PC='3634393'
S2	2911	PC='34211'
S3	0	S1 AND S2
S4	3543	CAN()OPENER?
S5	60301	SHEAR? ? OR SCISSOR? ?
S6	251	S4 AND S5
S7	12593	SHEATH? ?
S8	3201640	CASE OR CASES OR CASING? ?
S9	541430	SHEATHING? OR HOLDER? ?
S10	1980913	COVER? ? OR COVERING? ?
S11	1362052	HOLDING
S12	38	S6 AND S5(S)S7:S11
S13	21	RD (unique items)
S14	2	S13/2002 OR S13/2001 OR S13/2000
S15	19	S13 NOT S14
S16	19	Sort S15/ALL/PD,D

File 583:Gale Group Globalbase(TM) 1986-2002/Jul 09  
File 111:TGG Natl.Newspaper Index(SM) 1979-2002/Jul 10

Set	Items	Description
S1	0	PC='3634393'
S2	105	PC='34211'
S3	0	S1 AND S2
S4	19	CAN()OPENER?
S5	830	SHEAR? ? OR SCISSOR? ?
S6	0	S4 AND S5
S7	103	SHEATH? ?
S8	369354	CASE OR CASES OR CASING? ?
S9	19001	SHEATHING? OR HOLDER? ?
S10	69221	COVER? ? OR COVERING? ?
S11	138896	HOLDING
S12	0	S6 AND S5(S)S7:S11
S13	0	RD (unique items)
S14	0	S13/2002 OR S13/2001 OR S13/2000
S15	0	S13 NOT S14
S16	0	RD (unique items)
S17	29	S2 AND S5
S18	0	S2 AND S4

File 9:Business & Industry(R) Jul/1994-2002/Jul 09  
File 141:Readers Guide 1983-2002/May  
File 481:DELPHEs Eur Bus 95-2002/Jun W4  
File 482:Newsweek 2000-2002/Jul 04  
File 484:Periodical Abs Plustext 1986-2002/Jul W1  
File 646:Consumer Reports 1982-2002/Jul  
File 610:Business Wire 1999-2002/Jul 10  
File 613:PR Newswire 1999-2002/Jul 10  
File 810:Business Wire 1986-1999/Feb 28  
File 813:PR Newswire 1987-1999/Apr 30  
File 609:Bridge World Markets 2000-2001/Oct 01

File 649:Gale Group Newswire ASAP(TM) 2002/Jul 10  
File 112:UBM Industry News 1998-2002/Jul 10  
File 20:Dialog Global Reporter 1997-2002/Jul 10  
File 635:Business Dateline(R) 1985-2002/Jul 10  
File 95:TEME-Technology & Management 1989-2002/Jul W1

Set	Items	Description
S1	1696	CAN()OPENER?
S2	48800	SHEAR? ? OR SCISSOR? ?
S3	2962548	SHEATH? ? OR CASE OR CASES OR CASING?
S4	3704692	SHEATHING OR HOLDER? ? OR COVER? ? OR COVERING? OR HOLDING
S5	9	S1(S)S2(S)S3:S4
S6	6	RD (unique items)
S7	2	S6/2002 OR S6/2001 OR S6/2000
S8	4	S6 NOT S7 [not relevant or date too recent]

6/34/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013269228 \*\*Image available\*\*  
WPI Acc No: 2000-441134/200038  
Compact tool holder has casing forming receiving chambers for holding different types of tools and holder chamber for storing tool holding piece  
Patent Assignee: CHUANG L (CHUA-I)  
Inventor: CHUANG L  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 6076665 A 20000620 US 98165558 A 19981002 200038 B  
Priority Applications (No Type Date): US 98165558 A 19981002  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 6076665 A 10 B65D-069/00  
Abstract (Basic): US 6076665 A

NOVELTY - A lower casing (10), to be combined with an upper casing (20), has receiving chambers (11-19) for individually keeping different tools e.g. a straight pin (111), a tweezer (122), a toothpick (132), a shrinkage rule (143), a nail clipper (152), a bottle opener (162), a scissors (172), a blade (182), a ball point pen. A holding piece chamber (101) is formed on the lower casing .

DETAILED DESCRIPTION - A holding piece (103) to be kept in its corresponding chamber includes a fixing rod (106) mounting an engaging end (105) and two elastic legs (107), and two press ends (104) integrated into the legs. When the holding piece secures any of the tools, the engaging end connects a portion of the tool and is assisted by the elastic forces of the legs. The holding piece can be disengaged from the tool by applying force against the press ends.

USE - For holding tools of different functions, e.g. straight pin, tweezers, toothpick, circular shrinkage rule, nail clippers, bottle and can opener , scissors , blade, writing instrument, ball point pen, retainer plate.

ADVANTAGE - Retains larger number of tools in one compact tool holder . Ensures longevity and convenience of held tools.

DESCRIPTION OF DRAWING(S) - The figure shows the exploded isometric view of a compact tool holder .

Lower casing (10)

Receiving chambers (11-19)  
Upper casing (20)  
Holding piece chamber (101)  
Holding piece (103)  
Press ends (104)  
Engaging end (105)  
Fixing rod (106)  
Elastic legs (107)  
Straight pin (111)  
Tweezer (122)  
Toothpick (132)  
Shrinkage rule (143)  
Nail clipper (152)  
Bottle opener (162)  
Scissors (172)  
Blade (182)  
pp; 10 DwgNo 2/8

Derwent Class: Q34

International Patent Class (Main): B65D-069/00

6/34/6 (Item 6 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.  
010444647 \*\*Image available\*\*  
WPI Acc No: 1995-345964/199545

Universal pocket tool with various folding hand tools and scissors -  
comprises such as knife blades and scissors pivoted on corner studs  
connecting two housing plates covered by decorative hand grip members  
Patent Assignee: PARK K (PARK-I)

Inventor: PARK K

Number of Countries: 009 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 676261	A1	19951011	EP 95103984	A	19950317	199545 B
US 5653525	A	19970805	US 95419443	A	19950410	199737
EP 676261	B1	19971001	EP 95103984	A	19950317	199744
ES 2106587	T3	19971101	EP 95103984	A	19950317	199750
DE 69500783	E	19971106	DE 600783	A	19950317	199750
			EP 95103984	A	19950317	

Priority Applications (No Type Date): KR 947467 A 19940411

Cited Patents: CH 536695; DE 3630640; US 3832775; US 4203208; US 5063671;  
US 5168629

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 676261	A1	E	9	B26B-013/00	
Designated States (Regional): CH DE ES FR GB IT LI SE					
US 5653525	A		8	B25B-023/18	
EP 676261	B1	E	9	B26B-013/00	
Designated States (Regional): CH DE ES FR GB IT LI SE					
ES 2106587	T3			B26B-013/00	Based on patent EP 676261
DE 69500783	E			B26B-013/00	Based on patent EP 676261

Abstract (Basic): EP 676261 A

The pocket tool has two mounting plates (2,2') joined together by fitting hollow press-formed coupling studs (3) on plate (2) into coupling holes (14) in plate (2'). **A variety of tools such as knives, screwdrivers, bottle or can opener, and spring loaded scissor**

(7,8,15), are pivoted on the studs (3) to fold neatly between the plates (2,2').

The assembled mounting plates are covered with cap members (5) which act as a hand grip. One of the cap members may be replaced by a suitably designed and shaped lighter, or flashlight.

ADVANTAGE - The hollow pressed coupling studs are used instead of rivets or pins both to pivot the various tools, and to connect the mounting plates. The production procedure is simplified and reduced in cost and also resulting in a compact structure.

Dwg.1,1a/1 2

Abstract (Equivalent): EP 676261 B

A pocket tool comprising: opposed mount panels (2,2') fixed to each other with turn-up scissors (24) interposed therebetween, one of said panels (2') having a coupling hole (14), characterised in that the other panel (2) has an hollow coupling projection (3), said hollow projection (3) is fitted into the coupling hole (14) with the scissors (24) coupled to the projection (3) and thereby fixing the panels (2,2') to each other; said turn-up scissors (24) have a return spring (7) at the cross for automatically opening the scissors, and said return spring (7) is placed in a space defined by slots (8) formed about cross coupling holes (15) and fitted over a cross coupling pin (13) at the cross of the scissors such that the return spring (7) is out of view.

Dwg.1/12A

Abstract (Equivalent): US 5653525 A

A pocket tool comprising:  
opposed mount panels fixed to each other with turn-up scissors interposed therebetween, one of said panels having a hollow coupling projection, the other panel having a coupling hole, said hollow projection being fitted into the coupling hole with the scissors coupled to the projection and thereby fixing the panels to each other; and

the turn-up scissors interposed between the panels and coupled to the hollow coupling projection having a return spring at the cross for automatically opening the scissors, said return spring being placed in a space defined by slots formed about cross coupling holes and fitted over a cross coupling pin at the cross of the scissors such that the return spring is out of view.

The pocket tool according to claim 1, further comprising a flashlight mounted to the outer surface of one of said panels by fitting a plurality of projections provided on a surface of said flashlight into holes in said one panel defined by said hollow coupling projections.

Dwg.8,10/1 2

Derwent Class: P62

International Patent Class (Main): B25B-023/18; B26B-013/00

International Patent Class (Additional): B26B-011/00; B26B-013/16

File 350:Derwent WPIX.1963-2002/UD,UM &UP=200243

File 344:CHINESE PATENTS ABS MAY 1985-2002/MAY

File 347:JAPIO Oct 1976-2002/Mar(Updated 020702)

File 371:French Patents 1961-2002/BOPI 200209

Set Items Description

S1 545 CAN()OPENER?

S2 57700 SHEAR? ? OR SCISSOR? ?

S3 1171106 SHEATH? ? OR CASE OR CASES OR CASING?



S4 1488805 SHEATHING OR HOLDER? ? OR COVER? ? OR COVERING? OR HOLDING  
S5 4376 APPLIANCE? ? (S)OPEN???  
S6 8 (S1 OR S5) AND S2 AND S3:S4

10/3,AB,K/8 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00506094

MULTI-PURPOSE HAND TOOL INCLUDING IMPLEMENT POSITION LOCKING AND RELEASE  
MECHANISM

OUTIL A MAIN POLYVALENT, COMPRENANT UN MECANISME DE BLOCAGE EN POSITION ET  
DE DEGAGEMENT D'OUTIL

Patent Applicant/Assignee:

SEBERTECH L L C,

Inventor(s):

SEBER Brett P,

RUBIN Gregory F,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9937446 A1 19990729

Application: WO 99US1565 19990125 (PCT/WO US9901565)

Priority Application: US 9813695 19980126

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10250

English Abstract

A combination tool (20) including a pliers jaw mechanism (22) and two handles (56, 56') that pivot about the lugs (32, 38) of the jaw mechanism (22) between open and closed positions. The externally facing surfaces of the handles (56, 56') are dished to conform to the sides of the jaw mechanism when the handles (56, 56') are closed. The jaw lugs (32, 38) include cam surfaces over which corresponding surfaces of the handles ride to provide detents for the handles in the open and closed positions. The handles each house multiple blades (82), each independently rotatable on a common axle (84) between a closed position within the handle and an open position extending from the handle. Each blade (82) is positively but releasably locked into its open position. Those blades which remain closed are biased toward the closed position when the opened blade is locked into position and also as it is opened and closed. A single locking, releasing and biasing mechanism (108) serves all of the blades in one handle.

Detailed Description

... marketed. Such combination tools typically include a jawed mechanism such as a pliers or a scissors, and deployable handles having implements pivotally folded into the handles. The implements may include slot screwdrivers, Phillips-head screwdrivers, knife blades, can openers, awls, and the like. The implements are folded into the handles for storage or when...

...Swiss Army" knives. The combination tools have substantial jaw mechanisms, and, at least in some cases, the fold-out implements may be positively locked into place to avoid unintended closing and...

Serial 09/228109  
Searcher: Jeanne Horrigan  
July 10, 2002

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File 348:EUROPEAN PATENTS 1978-2002/Jun W05

File 349:PCT FULLTEXT 1983-2002/UB=20020627,UT=20020620

Set	Items	Description
S1	241	CAN()OPENER?
S2	52927	SHEAR? ? OR SCISSOR? ?
S3	759304	SHEATH? ? OR CASE OR CASES OR CASING?
S4	431947	SHEATHING OR HOLDER? ? OR COVER? ? OR COVERING? OR HOLDING
S5	2802	APPLIANCE?(S)OPEN???
S6	67	S1 AND S2
S7	121	S5 AND S2
S8	9638	S2(S)S3:S4
S9	51	S6:S7(S)S8
<b>S10</b>	<b>11</b>	<b>(S1 OR S5) (S) S2(S) S8</b>

File 16:Gale Group PROMT(R) 1990-2002/Jul 10

File 148:Gale Group Trade & Industry DB 1976-2002/Jul 10

File 397:Las Vegas Review-Journal 1997-2002/Jul 10

File 613:PR Newswire 1999-2002/Jul 10

Set	Items	Description
S1	4	ELECTRIC()CAN()OPENER?(S) (SHEAR? ? OR SCISSOR? ?)
<b>S2</b>	<b>3</b>	<b>RD (unique items) [not relevant]</b>